

**NONPROVISIONAL PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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16569 U.S.PTO  
040201

Attorney Matter No.: 0081632

Date: April 2, 2004

Express Mail Label No.: EU 971493303 US

U.S.PTO  
22390 10/816667  
040204

**BOX PATENT APPLICATION**

**NONPROVISIONAL APPLICATION TRANSMITTAL  
RULE §1.53(b)**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application

For (Title): BOND TESTING SYSTEM, METHOD, AND APPARATUS

By (Inventors): Joseph S. Heyman et al.

- A Specification (30 total pages) is attached.
- Formal drawings (Figs. 1-6; 6 sheets) are attached.
- A Declaration and Power of Attorney is filed herewith.
- An assignment of the invention from the Inventor to LUNA INNOVATIONS INCORPORATED, is filed herewith (with accompanying cover sheet and Check No. 199072 in the amount of \$40.00 to cover the assignment recordation fee).
- An Information Disclosure Statement is filed herewith.
- A statement to establish small entity status under 37 C.F.R. §§1.9 and 1.27 is filed herewith.
- A Non-Publication Request under 35 U.S.C. 122(b)(2)(B)(i) is filed herewith.
- A Preliminary Amendment is filed herewith.
- A Return Receipt Postcard is attached.
- The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED ABOVE**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	20 - 20	= 0*
INDEP CLAIMS	4 - 3	= 1*
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference is less than zero, enter "0".

**SMALL ENTITY**

RATE	FEES
	\$ 385
x 9 =	\$ 0
x 43 =	\$ 43
+140 =	\$
TOTAL	\$ 428

**OTHER THAN A  
SMALL ENTITY**

OR	RATE	FEES
OR		\$ 770
OR	x 18	\$
OR	x 86	\$
OR	+280	\$
OR	TOTAL	\$

- Check No. 199073 in the amount of \$428.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 11-0220. Two duplicate copies of this sheet are attached.
- This application is entitled to small entity status. DO NOT charge large entity fees to our Deposit Account.

Respectfully submitted,

Peter A. Shaddock II  
Registration No. 44,331

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Joseph S. HEYMAN et al.

Application No.: New Application

Docket No.: 0081632

Filed:

For: BOND TESTING SYSTEM, METHOD, AND APPARATUS

**NON-PUBLICATION REQUEST AND CERTIFICATION  
UNDER 35 U.S.C. 122(b)(2)(B)(i)**

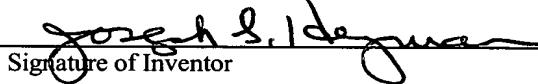
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

03/24/2004

Date

  
Signature of Inventor

Joseph S. Heyman, PhD.

Type or Printed Name of Inventor

John E. Lynch

Signature of Inventor

John E. Lynch

Type or Printed Name of Inventor

This request must be signed in compliance with 37 C.F.R. 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If the applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**